

FIG. 1A

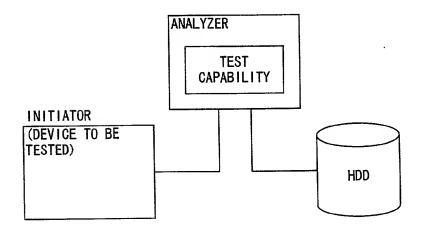


FIG. 1B

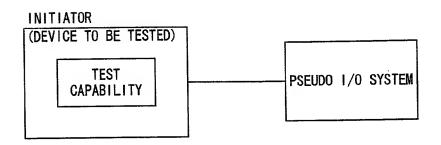


FIG. 1C

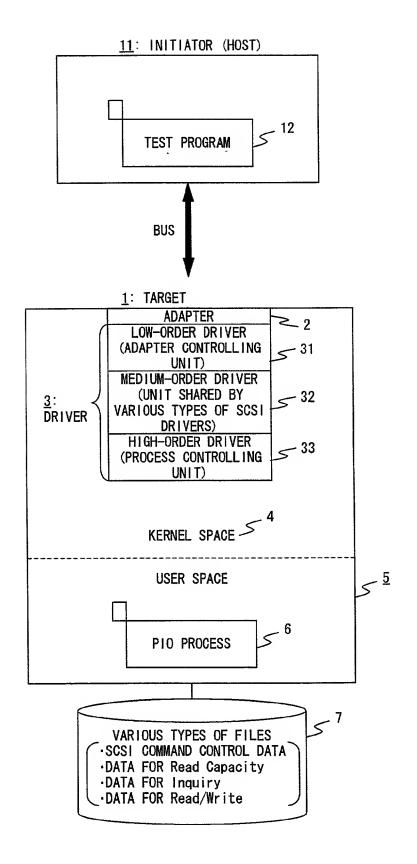


FIG. 2

l				
	APPLICATION PROGRAM	S9: DETERMINING COMMAND, AND RETURNING STATUS AS		က
	APPL I CA PROGRAM	S9: COMMAND, RETURNIN	+	
1: TARGET	-order er	S8: NOTIFYING PROGRAM CORRESPONDING DETERMINING TO SCSI ID=0 COMMAND, AN OF SIGNAL STATUS AS COTO	STATUS A	я Б.
- ::	33: R HIGH-OR DRIVER	S8: NOT1FYII PROGRAM CORRESP TO SCSI	. 2	<u> </u>
	32: 33: Medium-order High-order Driver Driver		S11: IF PLURALITY OF STATUSES EXIST, THEY ARE PLACED IN QUEUE	
	1	S7: (RELAYED)	Z ,	
	31: LOW-ORDER DRIVER	^	S12: SETTING STATUS IN ADAPTER	
	2: ADAPTER	S6: COMMAND	S12 S13: SEI SEEXECUTING SI7 PHASES AD/ (6) STATUS ▲	ı
	2: AD	★	S13: EXECUTING PHASES (6) STATU (7) MESSA	<u> </u>
	84	CUTING SES SELECTION MESSAGE- OUT COMMAND		S S
	ADAPTER	S5: EXECUTING PHASES (1) SELECI (2) MESSAC (2) MESSAC (3) COMMAN	\$14:	RECEIVING Status
	ER	B DATA S AND D=0 IN		\
	LOW-ORDER DRIVER	S4: SETTING DATA SUCH AS COMMAND AND SCSI ID=0 IN ADAPTER		
		AND AND TIME		(YED)
	MED!UM-ORDER Driver	S3: IF PLURAL COMMANDS HAVE BEEN RECEIVED, ITHEY ARE PLACED IN QUEUE, AND TIMEOUT NONITORING TIME IS SET		S15: (RELAYED)
		SS COM T NE SS COM T NE SS COM T NE SS COM T NE SC COM		ı
TOP	HIGH-ORDER DRIVER	Jnit S2: COMMAND SCSI ID=0		
11. INITIATOR		it Unit S2: COMMAND SCSI ID:		STATUS ATING
=		S1: ISSUING Test Unit Ready COMMAND (SCSI ID=0) S2: COMM		RECEIVING STATUS AND TERMINATING PROCESS
	APPL I CA PROGRAM	SSUI SSUI (SCS)		RECEIVII AND TERI PROCESS

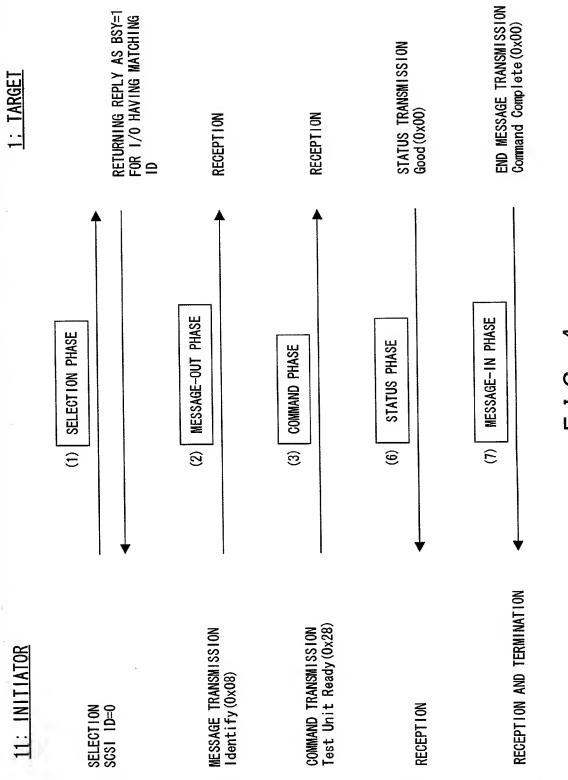
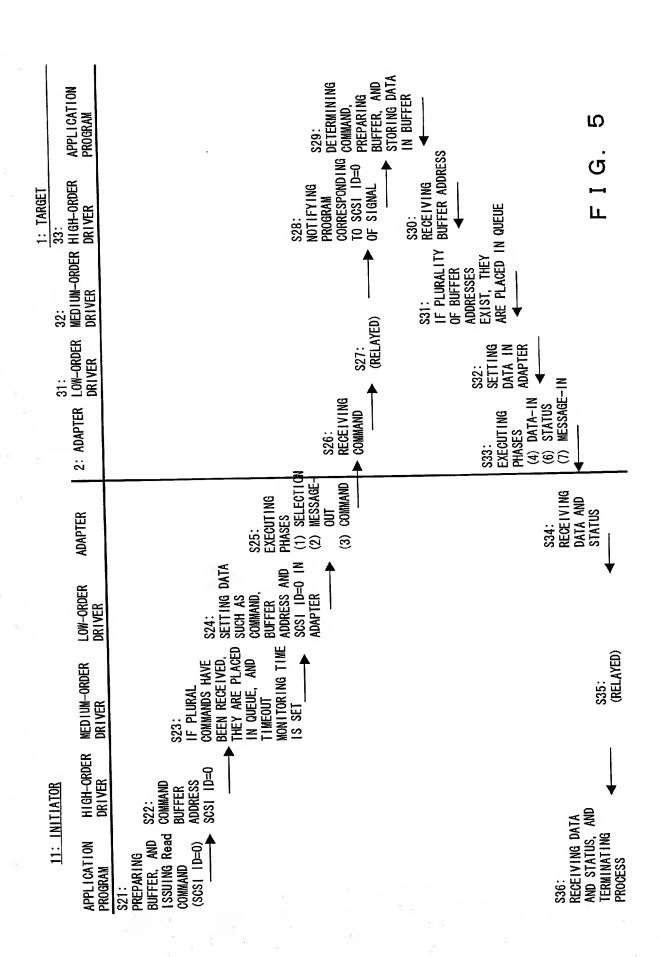
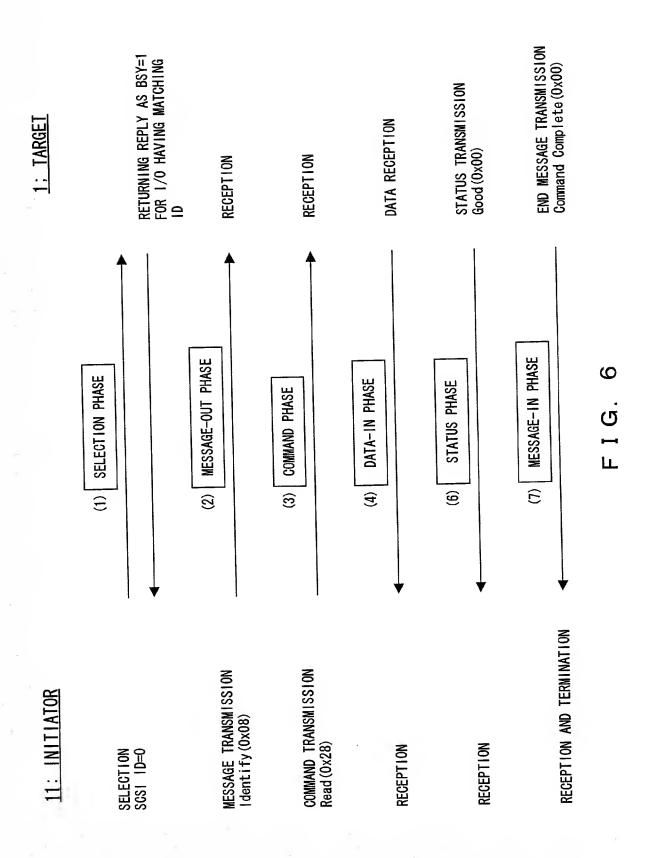


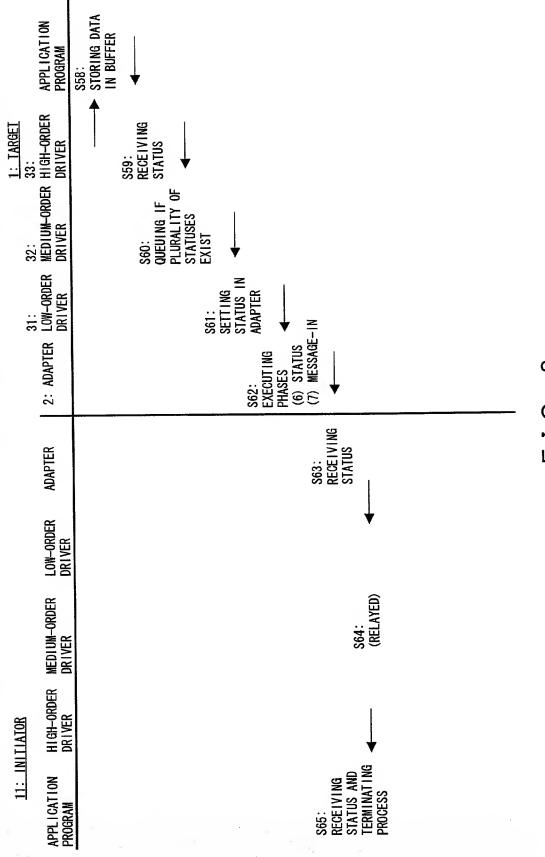
FIG. 2



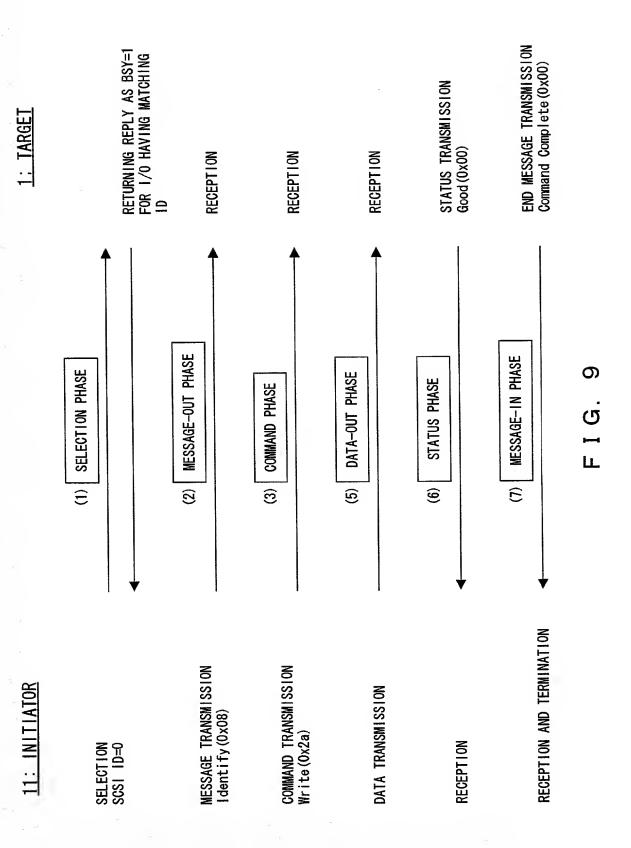
THE SHIPPING STREET



APPLICATION PROGRAM	DING D-0	BUFFER S50: SECEIVING SUFFER ADDRESS MOTIFYING CORRESPONDING TO SCSI ID=0 OF SIGNAL
1: TARGET 33: High-ordei Driver	S48: NOTIFYING PROGRAM CORRESPONDINC TO SCSI ID-O OF SIGNAL	S50: RECEIVING BUFFER ADDRESS S57: NOTIFYING PROGRAM CORRESPONDING SCSI ID=0 OF S
1: TARGET 32: 33: MEDIUM-ORDER HIGH-ORDER DRIVER DRIVER		S51: QUEUING IF PLURALITY OF ADDRESSES EXIST ATED)
31: LOW-ORDER DRIVER	S47: S47:	S52: SETTING ADDRESS IN ADAPTER A (REL)
2: ADAPTER	S46: RECEIVING COMMAND	S53: EXECUTING DATA-OUT PHASE (5) S55: RECEIVING
ADAPTER	S45: EXECUTING PHASES (1) SELECTION (2) MESSAGE- 0UT (3) COMMAND	S54: TRANSMITTING DATA
LOW-ORDER DRIVER	S44: SETTING DATA SUCH AS COMMAND, BUFFER ADDRESS AND SCSI ID=0 IN ADAPTER	
MEDIUM-ORDER Driver	S43: IF PLURAL COMMANDS HAVE BEEN RECEIVED, THEY ARE PLACED IN QUEUE, AND TIMEOUT MONITORING TIME IS SET	7
11: INITIATOR FION HIGH-ORDER DRIVER		Б П Г
11: IN APPLICATION PROGRAM	S41: PREPARING DATA, AND ISSUING Write COMMAND (SCSI ID=0)	



F I G. 8



(a) EXAMPLE OF ENCAPSULATION USING FC PROTOCOL FRAME (Frame Format)

Frame Header

SOF

8 LENGTH ADDRESS EXAMPLE OF Read SYSTEM COMMAND Data Payload Read

CORRESPOND-ING TO SCSI ID

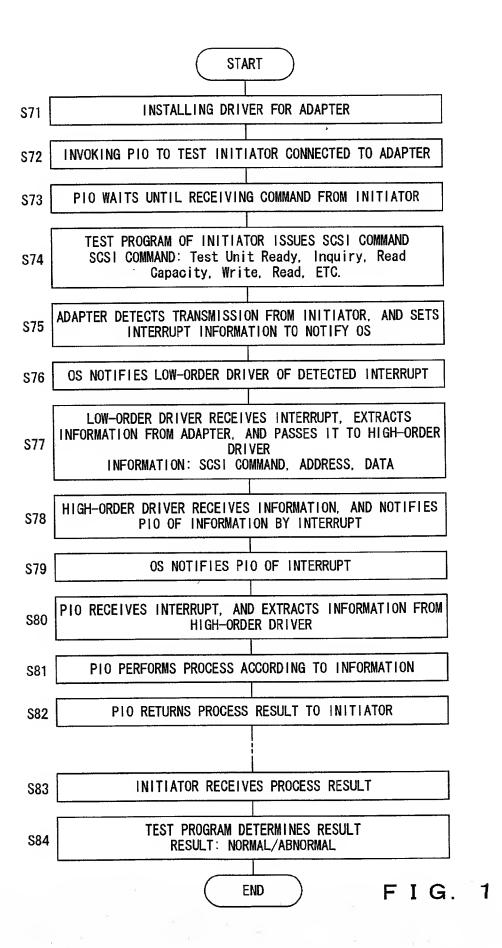
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FIG. 10A

(b) EXAMPLE OF ENCAPSULATION USING ISCSI PROTOCOL DATA FORMAT

LENGTH DATA (Session Layer) ADDRESS Read EXAMPLE OF Read SYSTEM COMMAND TCP Header (Transport Layer) IP Header (Network Layer) CORRESPOND-ING TO SCSI ID Ethernet Header (Datalink Layer)

10B Н С



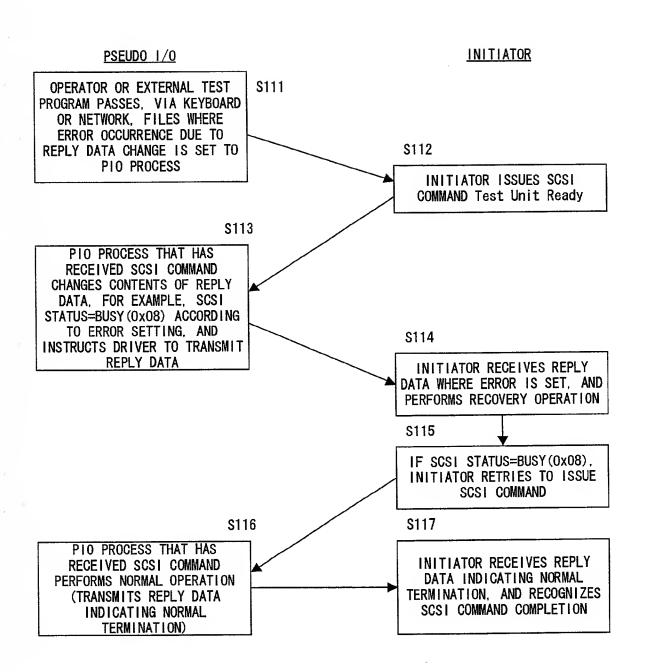


FIG. 12

FIG. 13A

PROCESS SETTING FILE					
COMMAND	VALID/INVALID	ACT		ERROR	FILE
TEST UNIT READY	VALID	Control	SYSTEM	error_file 1	
				L <i>)</i>	

FIG. 13B

ERROR SETTING FILE	(error_file 1)
TIMING	ERROR CONTENTS
WHEN REPLY DATA IS RETURNED	REPLY DATA CHANGE (EX: GOOD (0x00) \rightarrow BUSY (0x08)

FIG. 13C

INITIATOR SCS	
COMMAND	CONTENTS
TEST UNIT READY	00 00 00 00 00

FIG. 13D

STATU	IS
STATUS	VALUE
GOOD	0
BUSY	8

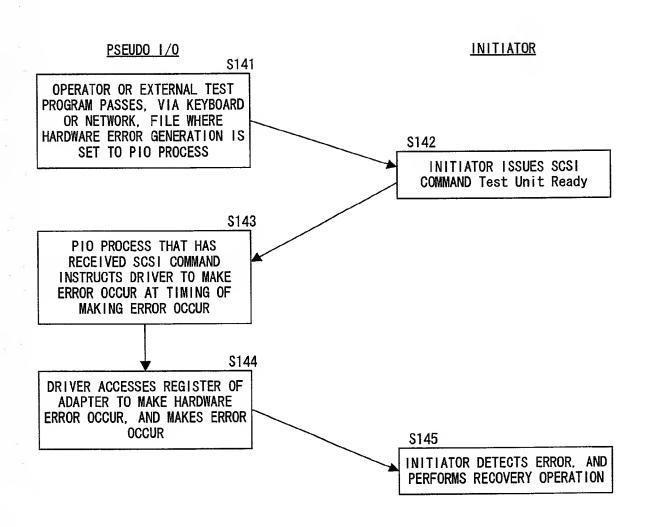


FIG. 14

FIG. 15A

PROCESS SETTING FILE			
COMMAND	VALID/INVALID	ACTION	ERROR FILE
TEST UNIT READY	VALID	Control SYSTEM	error_file 10
)

FIG. 15B

ERROR SETTING FILE	(error_file 10)
TIMING	ERROR CONTENTS
WHEN REPLY DATA IS RETURNED	FAULT IS MADE TO OCCUR IN SIGNAL TRANSMITTED OVER CABLE (EX: GENERATING Link Failure)

FIG. 15C

INITIATOR SC	SI COMMAND
COMMAND	CONTENTS
TEST UNIT READY	00 00 00 00 00

FIG. 15D

STATE	JS
STATUS	VALUE
GOOD	0
BUSY	8

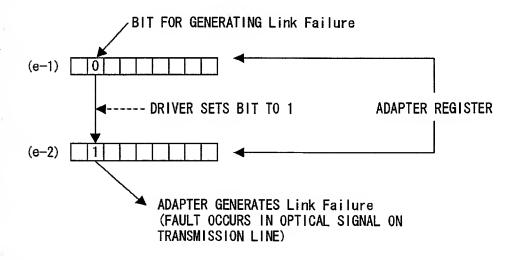


FIG. 15E